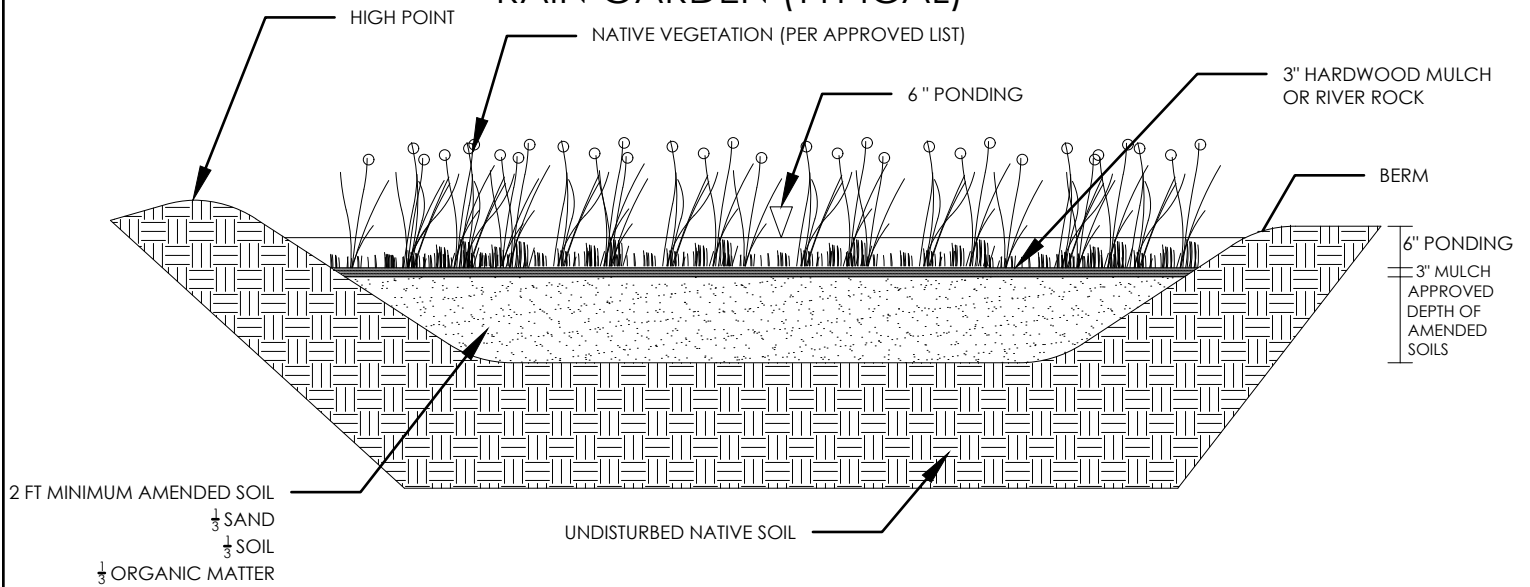


RAIN GARDEN (TYPICAL)



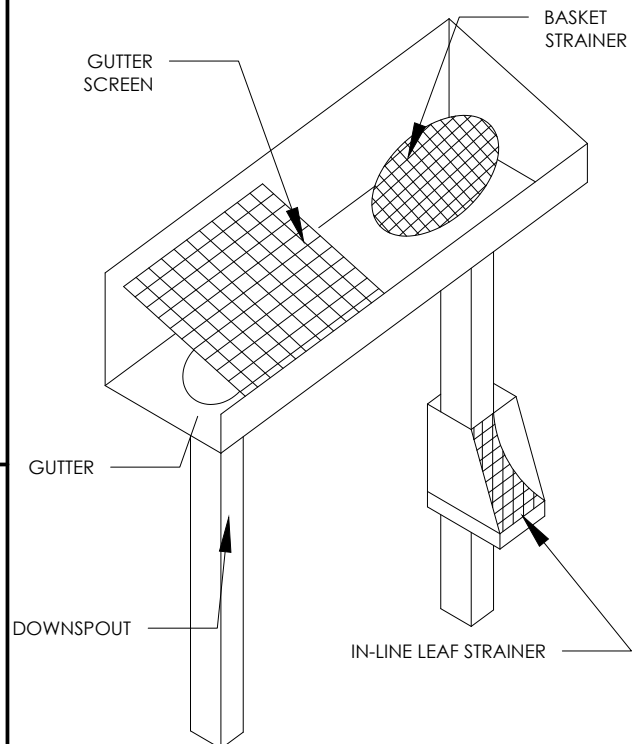
SEE SITE PLAN FOR LAYOUT AND SIZING REQUIRED.

CONSTRUCTION SEQUENCING:

1. ROUTE DOWNSPOUTS TO THE RAIN GARDEN AREA.
2. EXCAVATE RAIN GARDEN AREA TO THE APPROVED DIMENSIONS AFTER STAKING AND MEASURING ELEVATIONS.
3. SCARIFY SUBGRADE BY RIPPING THE BOTTOM SOILS TO A DEPTH OF 3 INCHES PRIOR TO AMENDED SOIL PLACEMENT.
4. SCHEDULE INSPECTION WITH CITY STORMWATER INSPECTOR AT (615) 791-3254.
5. MIX TOPSOIL, SAND, AND ORGANIC MATTER TOGETHER TO MAKE THE AMENDED SOIL. ORGANIC MATTER CAN BE COMPOST, MULCH, OR LEAVES.
6. FILL THE RAIN GARDEN WITH THE AMENDED SOILS. BUILD THE BERM ON THE LOW END 9 INCHES ABOVE THE PLACED AMENDED SOILS. THIS ALLOWS FOR THE MULCH PLACEMENT AND 6 INCHES OF PONDING.
7. PLANT THE RAIN GARDEN WITH NATIVE PLANTS FROM THE APPROVED BIORETENTION/RAIN GARDEN PLANT LIST WITHIN THE SINGLE FAMILY MANUAL.
8. PLACE 3 INCHES OF MULCH WITHIN RAIN GARDEN. SHREDDED HARDWOOD MULCH TENDS TO FLOAT LESS THAN PINE STRAW.
9. WATER ALL PLANTS THOROUGHLY.

MAINTENANCE:

- IRRIGATE THE VEGETATION WITHIN THE RAIN GARDEN AS NEEDED IN THE FIRST YEAR.
- REMOVE WEEDS SEASONALLY TO PREVENT OVERGROWTH.
- CUT BACK NATIVE VEGETATION TO PREVENT OVERGROWTH.
- REPLACE DISEASED AND DYING PLANTS.
- REMOVE OLD MULCH AND ADD NEW MULCH ANNUALLY.
- REPAIR ANY ERODED AND UNSTABLE AREAS AROUND THE RAIN GARDEN.
- MONITOR THE RAIN GARDEN DURING AND AFTER RAIN EVENTS. A RAIN GARDEN SHOULD DRAIN WITHIN 24 HOURS. THE AMENDED SOIL MAY BE CLOGGED.



PRETREATMENT OPTIONS DETAIL

CITY OF FRANKLIN
ENGINEERING DEPARTMENT



NAME/ADDRESS:

Paul P. Goff
DIRECTOR OF ENGINEERING

EFFECTIVE DATE

RAIN GARDEN
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